

VOROPINOV, Vladimir-Semenovich; SHAPIROVA, A.S., red.; SOROKINA, T.I.,  
tekhn.red.

[Volcanoes and earthquakes] Vulkany i zemletreseniia. Irkutskoe  
knizhnoe izd-vo, 1958. 94 p. (MIRA 12:2)  
(Volcanoes) (Earthquakes)

VOROPKOV, M. G.

Volatility and kinetics of solution of acetylene in vinyl butyl ether. M. G. Voropkov, *Dokl. Akad. Nauk SSSR* (Russian), **197**, 137, 1967. (Chem. Abstr. 62:10411a) The mole fraction of  $C_2H_2$  in vinyl butyl ether satd. with  $C_2H_2$  at 760 mm. Hg is 0.0293 at 0°, 0.021 at 10°, and 0.0151 at 30°. The deviation from Raoult's law is small; this shows that vinyl butyl ether has but little capacity for  $H$ -bonding, as is to be expected from its resonance form  $CH_2=CH-O-C_4H_9$ . The higher the temp., the greater this deviation. The heat of soln. (calcd.) is 2.50 cal./mole. The rate of soln. of  $C_2H_2$  is proportional to the distance from the equil. state.

I. L. Berman

PETROV, I.S., inzh.; VOROPONOV, P.N., inzh.

Swelling of chamois leather. Izv. vys. ucheb. zav.; tekhn. leg.  
prom. no. 1:43-45 '60. (MIRA 14:5)

1. Kalininskiy kozhevennyy zavod "Krasnyy Oktyabr',")  
(Tanning)

PETROV, I.S.; VOROPONOV, P.N.

Testing of raw leather for tensile strength. Kozh.-obuv.prom. 3  
no.9:27-28 S '61. (MIRA 14:11)

(Leather--Testing)

VOROPOMVOY, I.

USSR/Chemistry - Systems, Binary  
Chemistry - Inorganic Compounds

Sep 48

"Binary Systems Composed of the Halides of Silicon, Titanium, Tin, Arsenic, Antimony and Bismuth With Various Organic Compounds," N. A. Pushin, Collaborators: N. Vasovich, I. Velitskin, T. Voropomvoy, L. Marichon, L. Mikhaylovich, L. Nikolich, I. Parkhomenko, Ya. Ubovich, 8 pp

"Zhur Obshch Khimii" Vol XVIII, No 9

Investigates fusibility diagrams of 16 binary systems. Shows that arsenic trichloride with aniline and 1,3,4-xylydine gives high-melting compounds of composition  $AsCl_3 \cdot 3C_6H_5NH_2$  and  $AsCl_3 \cdot 3(C_6H_4)_2N_2$ . Stannic tetrachloride with o-nitranisole forms a compound of equimolecular composition,  $SnCl_4 \cdot O_2(C_6H_4NO_2) \cdot O.C_6H_5$ . The remaining systems, except arsenic tribromide-azobenzene, are mechanical mixtures in the crystalline state. A second, modification of bismuth tribromide exists with transition temperature of  $151^\circ$ . Submitted 13 Jun 47.

PA 30/4975

UJIVARY, G.; GREGACS, Margit; LANYI, B.; ANGYAL, T.; VOROS, A.; PALL, G.

Observations on the etiology of gastroenterocolitis in infants and children. I. Investigation of the role of Escherichia coli strains. Acta microbiol. Hung. 10 no.3:225-240 '63.

Observations on the etiology of gastroenterocolitis in infants and children. II. Investigation of the role of Klebsiella strains. Ibid.:241-252

1. Säuglings- und Kinderspital, Budapest XIV. (Direktor: K. Gyergay); Staatliches Institut für Hygiene, Budapest (Direktor: T. Bakacs) und Mikrobiologisches Institut der Medizinischen Universität, Pecs (Direktor: K. Rauss).

\*

VOROS, Andras

~~Linearity measurement of FM demodulators.~~ Hir techn 15 no.  
6:167-178 Je '64.

1. Instrument Industry Research Institute.

HORVATH, Lorand; VOROS, Andras

Method for the formation of transfer characteristic. Hir techn  
11 no.3:97-103 Je '60.

1. Muszeripari Kutato Intezet.



VOROS, Andras

Distortion questions of FM-demodulators operating on the principle of pulse counting. Hir techn 15 no.12:359-365 D '64.

1. Instrument Industry Research Institute, Budapest.

VOROS, Arpad

The Moscow conference on founding. Koh lap 93 no.2; Suppl: Ontode 11  
no.2.43-44 F '60.

VOROS, Arpad

"Practical guide for foundrymen" by F. Haumann. Reviewed by Arpad Voros. Koh lap 93 no.5; Suppl. Ontode 11 no.5:105 My '60.

1. "GY", 1964, 1965, 1966, 1967, 1968, 1969, 1970, 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 26

Thematic representation of structure and process of the materials in  
foundries, Pt. 2. For Sep. 97 p. 10; suppl. volume 15 no. 1, 2, 1996  
p. 164.

1. Chapel Iron and Steel Foundries, Budapest.

111087, (ajos, dr.; VORON. (ppl)

Section news. For Reg. 12: Supplement 13 no. 2, 1971.

1. Editor, "Koluzett (Appl)" (for Millsey).

VOROS, Arpad; MACHER

Section news. Koh lap 93 no.1:Suppl.: Ontode 16 no.1:2/ Ja '65.

VOROS, Arpad

Section news. Koh lap 93 no.5; Suppl Ontoda 11 no.5:111 My '60.

VOROS, Arpad, okleveles kohomernok

Possibility of applying Soviet experience in training Hungarian foundrymen. Koh lap 93 no.7:Suppl: Ontoda 11 no.7:145-150 J1 '60.



VOROS, A.

Section life. Koh lap 95 no.3: Supplement; Ontode 13 no.3:69-  
70 Mr '62.

VOROS, A.; RACZ, J.

Foundry installations at the exhibition showing the achievements  
of the Soviet Union's national economy. Koh lap 95 no.12:Suppl.:  
Ontode 13 no.12:272-277 D '62.

RACZ, Jozsef; VOROS, Arpad

A study trip to the Soviet Union. Koh lap 95 no.12:Suppl.:Ontode  
13 no.12:280-283 D '62.

VOROS, A.

Section news. Koh lap 96 no.3:Suppl: Ontode 14 no.3:56 Mr '63.

VOROS, Arpadna, okleveles kohomernok

Stress relief of iron castings. Koh lap:Suppl.:Ontoda 14, no.1:  
211-215 S '63.

VOROS, Arpadna, okleveles kohomernok

Section news. Koh lap:Suppl.:Ontode 14, no.9:215-216 S '63.

VOROS, Arpad; MAGOS, Katalin

Factory news. Koh lap 97 no.5. Suppl.: Ontode 15 no.5:118  
My'64.

VOROS, Arpad

Activity of the Foundry Section during the 2d half of  
1963. Koh lap 97 no.3:Supplement Ontode 15 no.3:68-69 Mr:64

Section news. Ibid.:69

News. Ibid.:69



SZILAGYI, Imre, okleveles gépészmérnök; VOROS, Arpad, okleveles kohmérnök

Pneumatic transportation of granular and powderlike materials  
in foundries. Pt.1. Koh lap 97 no.11; Suppl; Ontode 15 no.11;  
250-255 N '64.

1. Csepel Iron and Steel Foundries.

VOROS, Arpad

An account of the 1964 activity of the Foundry Division. Kcr.  
lap 98 no.4:Suppl:Ontode 16 no.4:94 Ap '65.

VOROS, Arpad

Section news. Koh lap 97 no.4:Supplement Ontode 15 no.4:95 Ap'64

"Man in factory" by Dr. Jozsef Tatar. Reviewed by Arpad Voros.  
Ibid:94-95

1. Orszagos Magyar Banyaszati es Kohaszati Egyesulet Ontodei  
Szakosztaly titkara.

KALMAN, Lajos, VOROS Arpad

Report on the 30th International Foundry Congress. Koh lap  
96 no.11:241-251 N°63.

VOROS, Arpad, okleveles koholipari gazdasagi mernok

Work organizational aspects of workplaces for mechanical molding.  
Koh lap 96 no.12:Suppl.:Ontode 14 no.12:265-272 D '63.

VARGA, Ferenc, dr.; VOROS, Arpadno

Effect of melting in vacuum and gas flushing on the properties  
of cast iron. Pt.2. Koh lap 98 no.2:Suppl:Ontodo 16 no.2:25-  
33 F '65.

1. Iron Industry Research Institute, Budapest.

VARGA, Ferenc, dr.; VOROS, Arpadno

Effect of smelting and gas flushing in vacuum on the properties of  
cast iron. Pt. 1. Koh lap 98 no.1:Suppl.: Ontoda 16 no.1:8-13 Ia '65.

1. Iron Industry Research Institute, Budapest.

VOROS, Bela

Load capacity examination of freight cars at the stations. Vasut 12  
no.12:3 D '62.



VOROS, Bela; VARGA, Jozsef

~~Cooperation for the success of the annual plan. Vasut 14~~  
no.11:1-3 N '64.

VOROS, Bela

Work competition at railroad stations. Vasut 8 no.3:  
19-20 30 Ap '58.

VOROS, Bela

Technical-economic norms of railroad stations. Vasut 12  
no.4:14-17 25 Ap '62.

VOROS, Daniel; GEMESI, Jozsef

Determination of moisture in building materials by means of  
radioisotopes. Energia es atom 17 no.6:249-293 Je '64.

1. Research Institute of Medical Radiology, Hungarian Academy  
of Sciences and Central Research Institute of Building Materials  
Industry, Hungarian Academy of Sciences.

MESS, B.; VOROS, E.

On the thyrotrophic area of the anterior hypothalamus. Acta  
biol. acad. sci. Hung. 16 no.1:105-112 '65.

1. Institute of Anatomy, Medical University, Pecs (Head:  
B. Flerko). Submitted February 18, 1965.

VOROS, I.

VOROS, I.Dr.,Prof.

Fatigue of screw connections. Acta techn. ~~Eng~~ 35/36:425-444 '61

1. Kand.der Techn.Wiss.,Kossuth-Preistager,Technische Universitat,  
Budapest.

Notes, I

60. The trace elements of bauxite and their practical utilization. I. V. Voronov, I. M. Meyerson. *(Doklady Akad. Nauk SSSR)* 1954, No. 12, pp. 656-664, 2 figs, 3 tabs.

Besides its five major constituents, bauxite contains a considerable number of trace elements which are often useful for industrial purposes. The paper lists 27 trace elements in the six geochemical groups, indicating their percentual frequency in most cases, comparing them with that of Arkansas and, in some cases, with French bauxites. The trace elements of the Arkansas bauxites were studied by Gordon and Murata who revealed 18 trace elements in the primary magmatic rock and 21 in the bauxite. They are listed in two tables. In the first table they are compared to the bauxite of Gunt in respect to frequency, whereas in the second the different types of Arkansas bauxite are compared with each other. A third table shows the enrichment, and the dissolution of the individual elements during weathering from syenite as compared

to aluminum. The real cause of the enrichment of the trace elements cannot yet be unequivocally explained. Even with the present technological processes possibilities exist for the utilization of trace elements in many fields e.g. in metallurgy, in ceramics, etc.



Dintri /E226/E225(w)

70. Theoretical investigations into the production of gears by hot rolling (in English) I. V. K. O. A. Acta Technica Academiae Scientiarum Hungaricae, Vol. 21, 1959, No. 1-2, pp. 47-48, 20 figs., 5 tabs.

The many disadvantages of gear cutting have drawn attention to gear production by hot-rolling, one of its chief advantages being high productivity. Hot-rolling can be executed on a blank freely revolving between the master gear or hypocyclic engagement between master gears and workpiece. Though research in Hungary has been conducted on freely revolving blanks, the theoretical findings are valid for both cases. This refers in the first place to the choice of the initial diameter of the blank, the stated results are based partly on the volume of the tooth and partly on the plain development by rolling of the tip circle of the master gear tool on the workpiece. The area of the tooth was determined with the aid of a tooth profile drawing device by planimetry of the enlarged area of the tooth. The ratio between the pressure angles of the tool and of the gear to be produced depends on the temperature at which the blank is rolled. The pressure angle of the tool, ensuring a correct tooth curve, can be determined by the deduced correlation. The tooth thickness produced by the tool also depends on temperature i. e. on the thermal expansion of the p.w. and can be determined by involutometric calculations. With this method the tooth thickness required on the master gear tool can also be precalculated for the production of normal gears or for profile displacement gears. A few fatigue bending tests, executed with electronic pulsator, have shown that — because of the better arrangement of material fibres — the fatigue limit of hot-rolled gears is about 20% higher than that of machine-cut gears.

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VOROS; HUTYERA

The first Bulgarian conference on founding. Koh lap 93 no.8; Suppl:  
Ontode 11 no.8:187-190 Ag '60.

VOROS, I.

Distr: 4E2c/4E2b(11)

79. Theoretical investigations into the production of gears by hot rolling (in English) I. VOROS, *Acta Technica Academiae Scientiarum Hungaricae*, Vol. 21, 1959, No. 1-2, pp. 47-78, 20 figs., 5 tabs.

The many disadvantages of gear cutting have drawn attention to gear production by hot-rolling, one of its chief advantages being high productivity. Hot-rolling can be executed on a blank freely revolving between the master gears or by positive engagement between master gears and workpiece. Though research in Hungary has been conducted on freely revolving blanks, the theoretical findings are valid for both cases. This refers in the first place to the choice of the initial diameter of the blank, the stated results are based partly on the volume of the teeth and partly on the plain development by rolling of the tip circle of the master gear tool on the workpiece. The area of the teeth was determined with the aid of a tooth profile drawing device by planimetry of the enlarged area of the teeth. The ratio between the pressure angles of the tool and of the gear to be produced depends on the temperature at which the blank is rolled. The pressure angle of the tool, ensuring a correct tooth curve, can be determined by the deduced correlation. The tooth thickness produced by the tool also depends on temperature i. e. on the thermal expansion of the piece and can be determined by involute metric calculations. With this method the tooth thickness required on the master gear tool can also be precalculated for the production of normal gears or for profile displacement gears. A few fatigue bending tests, executed with electronic pulser, have shown that — because of the better arrangement of material fibres — the fatigue limit of hot-rolled gears is about 20% higher than that of machine-cut gears.

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VOROS, I., prof., dr. (Budapest, XI., Muegyetem rakpart 3)

Calculation of the contact angle of the evolvent profile reser-  
in straight-toothed cogwheels. Periodica polytechn. eng. 7 no.1:  
11-20 '63

1. Lehrstuhl fur Maschinenelemente, Technische Universitat,  
Budapest.

"APPROVED FOR RELEASE: 03/14/2001

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APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001861010015-8"

VOROS, I.; MEGYESI, I.

Trace elements in Hungarian bauxite and their practical utilization. p. 658.  
(Banszati Lapok, Budapest, Vol 9, no. 12, Dec 1954)

SO: Monthly list of East European Accessions (EEAL), LC Vol 4, no. 6, June 1955 UNCL

VOROS, Istvan

Geologic description of the Korean Peninsula; a report on a study  
tour. Foldt kozl 90 no.2:237-242 Ap-Je '60. (ERAI 10:2)  
(Korea--Geology) (Hungarians in Korea)

VOROS, Imre, a muszaki tudományok kandidátusa, egyetemi tanár

Imre Rácz, 1904-1964; obituary. Magyar Tud 72 no.2:113-115 F '65.

1. Budapest Technical University.



VOROS, Imre, oklevelcs gepeszmernok, egyetemi docens

Amplidine control of hoisting machines with Leonard drive. Bany  
lap 95 no.11:739-743 N '62.

1. Nehezipari Mszaki Egyetem. Elektrotechnikai Tanszek, Miskolc.

SZASZ, Gyorgy, dr.; VOROS, Istvan, dr.

Effect of splenectomy on the lymphocytic picture of the blood.  
Magy. Belorv. arch. 15 no.3:114-117 Je '62.

1. Fejer megye es Szekesfehervar varos korhaza I. sz belgyogyaszati  
osztalyanak kozlemenye.  
(SPLEEN surg) (LYMPHOCYTES)

VOROS, Istvan, dr.

The formation of iddingsite in the basaltic rocks of Kabhegy.  
Foldt kozl 42 no.2:174-184 Ap-Je '62.

HUNGARY / Cosmochemistry. Geochemistry. Hydrochemistry.

D

Abs Jour : Ref Zhur - Khimiya, No 10, 1959, No. 34542

Author : Voros, Istvan

Inst : Not given

Title : Microscopic Study of Minerals and Determination of Sporadic Elements in Bauxites from Iszkaszentgyorgy

Orig Pub : Foldt. kozlony, 1958, 88, No 1, 48-56

Abstract : The bauxites from the Bito and Joseph mines have different chemical compositions, different mineral associations, and contain different trace elements. These differences may be accounted for by the effect of external factors, mainly by tectonic conditions of their formation. The results of 15 chemical and 36 qualitative spectral analyses indicate that trace elements were introduced from acid as well as basic igneous rocks. An organic mineral, previously unknown,

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HUNGARY / Cosmochemistry. Geochemistry. Hydrochemistry.

Abs Jour : Ref Zhur - Khimiya, No 10, 1959, No. 34542

was discovered in the Hungarian bauxites in the course  
of a microscopic study. -- V. Krasintseva

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D - 3

VÖRÖS, ISTVAN

HUNGARY/Cosmochemistry. Geochemistry. Hydrochemistry. D

Abs Jour : Ref Zhur - Khimiya, No. 8, 1957, 26554.

Author : Vörös, Istvan, Megyesi, Imre.

Inst :  
Title : Microelements in Hungarian Bauxite and Their  
Practical Application.

Orig Pub : Bányászati lapok, 1954, 9, No. 12, 658 - 664.

Abstract : No abstract.

Page 1

LUX, Arpad, dr.; VOROS, Istvan, dr.

Geucher's disease associated with hypersplenism. Orv. hetil. 106  
no. 29:1381-1383 18 J1'65.

1. Korvin Otto Korhaz, II. Belosztaly (foorvos: Szasz, Gyorgy,  
dr.).

TANCS, B.; PETRI, G. prof.; CZIPOTT, Z.; ABRANDY, K.; BOROS, M.; Techn.  
assistances: SZABO I.; VOROS, J.

Haemodynamic and metabolic response of dogs to the simultaneous  
occlusion of the carotid and vertebral arteries. Acta chir. acad.  
sci. Hung. 6 no.2:187-199 '65.

1. First Department of Surgery (Director: Prof. G. Petri), Univer-  
sity Medical School, Szeged.



VOROS-J.

Trichothecin for the control of plant diseases. Jozsa  
 Voros. Növénytermelés 4: 233-24 (1958). Trichothecin was  
 prepd from cultures of *Trichothecium aureum*. In surface  
 cultures corn sugar or starch sugar were more suitable  
 than glucose for the prepn. of the antibiotic. Best results  
 were obtained after 7 days of fermentation at 25 ± 3°. Distillery  
 residue from corn fermentation stimulates the production  
 of the antifungal substance. For the extn. of the active  
 principle 10-20% CHCl<sub>3</sub> was best. The inhibitory action  
 of the crude trichothecin ext. was tested in vitro on 44 fungi  
 of which 19 were phytopathogenic. These fungi proved  
 as a rule to be more sensitive to trichothecin than sapro-  
 phytes. Expts. to protect pine saplings and flax against  
 fungi gave neg. results. Preliminary results were encourag-  
 ing in the use of trichothecin against melon rot (*Colletotrichum lagenarium*), against the infection of sour cherries by  
*Monilia laxa*, and against wheat bunt (*Tilletia foetida*).  
J. A. Szilard

UBRIZSY, G.; VOROS, J.

Investigating the inhibiting effect of antibiotics on wood-decaying fungi. Acta agronom Hung 12 no.1/2:167-172 '63.

1. Forschungsinstitut fur Pflanzenschutz, Budapest. 2. Mitglied, Redaktionskollegium, "Acta Agronomica Academiae Scientiarum Hungaricae" (for Ubrizsy).

VOROS, J.

Distr: 4E2c/4E3d

59. Investigation on the use of Raney nickel catalysts.  
(In English) Z. Csúcs, J. Petró, J. Város  
Periodica Polytechnica, Chemical Engineering, Vol. 1,  
1957, No. 3, pp. 153-185, 29 figs., 2 tabs.

The change of the hydrogenating activity of Raney nickel was studied by varying the conditions of the preparation (dissolution, time and temperature of after-treatment) using acetone, acetophenone, benzophenone, eugenol and veratrol as model compounds. The aromatic ring of veratrol was hydrogenated at 30 atm and 160°C, the other compounds being treated at atmospheric pressure and room temperature. It was found that the activity of the catalyst and the extent of hydrogenation depends greatly on the conditions of preparation, the degree of the effect differing for each model. The effect of various added materials, such as organic and inorganic bases and high-molecular N-containing organic compounds, was investigated as well. The greatest increase of activity was produced with dimethyl aniline used in amounts of 0.1 mol referred to the substrate. Triethylamine was also found effective. Inorganic bases and high-molecular organic materials had either no effect or an unfavourable effect.

Country	: Hungary	F
Category	: Microbiology. Antibiosis and Symbiosis. Antibiotics.	
Abs. Jour	: Ref Zhur-Biol., No 23, 1958, No 103738	
Author	: <u>Várds Jozsef</u>	
Institut.	: ---	
Title	: Use of the Antibiotic Trichothecin For <u>Monilia</u> Pathogenic to the Cherry	
Orig Pub.	: Növénytermelés, 1957, 6, No 1, 67-70	
Abstract	: Sprinkling the blossoms of the cherry tree with trichothecin in a concentration of 50 units per ml reduces the infection of trees by <u>Monilia laxa</u> by 70-95% under field conditions.	

Card: 1/1

VOROS, J.

Experiences with production and use of actidione. p. 132.  
KOZLEMENYEI, Budapest. Vol. 8, No. 1/2, 1955

SOURCE: EEAL Vol. 5, No. 7, July 1956

COUNTRY : Hungary

0

CATEGORY : Diseases of Cultivated Plants.

ABSTRACT : *Actinomyces*, No. 2, 1957, No. 6575

AUTHOR : Varga, Jozsef; Csizsari, Janos

INSTR. : ~~University of Agriculture~~

TITLE : Experiment in Wheat Bunt Control with Actidione

ORIG. PUB. : *Növényvédelem*, 1957, 5, No. 3, 249-256

SUMMARY : The applicability of crude actidione, a by-product of streptomycin, against wheat bunt was studied. To control wheat bunt the best results were given by treating the seeds with actidione powder wet treatment was less effective. Comparing actidione with the mercurial compound used in practice and copper fungicides containing actidione (active substance) (genuine, actidione, etc.) identical, and in certain cases better results were obtained.

1957

1.7

Country :Hungary  
Category :Microbiology. Antibiosis and Symbiosis. Antibiotics.  
Abs. Jour :Ref Zhur-Biol., No 23, 1958, No 103739  
Author :Vörös Jozsef  
Institut. :--  
Title :Antibiotics Which May Be Used For the Protection of  
Plants  
Orig Pub. :Agrartudomány, 1957, 9, No 10, 40-45  
Abstract :No abstract

Card: 1/1

F-32

VOROS, J.

~~Handwritten note: Fungistatic activity of the species Sphaeropsidales and Melanconiales.~~  
Fungistatic activity of the species Sphaeropsidales and Melanconiales.  
Acta microb. hung. 5 no.3:261-266 1958.

1. Research Institute for Plant Protection, Budapest.

(FUNGI

Melanconiales & Sphaeropsidales, antag. toward other fungus  
species)



VOROS, Jozsef (Budapest, II., Herman Otto ut 15)

Data on Hungary's flora of Fungi Imperfecti. Botan kozl 47,  
no.3/4:277-280 '58.

VOROS, Jozsef (Budapest, II., Herman Otto ut 15)

Data on *Septoglosum populiperdum* Johannes. Botan kozl 47  
no.3/4:349-350 '58.

VOROS, J.; SZABO, I.

Preparation of trichothecin by fermentation. Acta microbiol. hung.  
6 no.2:147-152 '59.

1. Research Institute for Plant Protection, Budapest, and  
Department of Fermentation, "Phylaxia" State Serum Institute,  
Budapest.

(ANTIBIOTICS chem)

VOROS, Jozsef

Application of fungicidal antibiotics in plant protection. Magyar  
lap 16 no.4:156-159 Ap '61.

1. Növényvédelmi Kutató Intézet.

VOROS, Jozsef

Data on themicroscopical fungi of Hungary. Botan kozl 49 no.1/2:  
100-102 '61.

1. Noveenyvedelmi Kutato Intezet, Budapest II., Herman Otto ut  
15.

SZABO, Istvanne, dr.; VOROS, Jozsef, dr.

Trichothecin; a new antibiotic in plant protection.  
Elet tud 15 no.17:536-538 24 Ap '60.

1. Phylaxia Allami Oltoanyagtermelo Intezet (for Szabo).
2. Novenyvedelmi Kutatointezet munkatarsa (for Voros).

UBRIZSY, Gabor, dr.; VOROS, Jozsef, dr.

Antibiotics in plant protection. Elet tud 17 no.32:1014-1015  
12 Ag '62.

UBRISZY, G.; VOROS, J.

Investigating the inhibiting effect of antibiotics on wood-decaying fungi. Acta agronom Hung 12 no.1/2:167-172 '63.

1. Forschungsinstitut fur Pflanzenschutz, Budapest. 2. Mitglied, Redaktionskollegium, "Acta Agronomica Academiae Scientiarum Hungaricae" (for Ubrizsy).



BARABAS, Z.; VOROS, J.

Stalk dry rot of grain sorghum in Hungary and the possibilities  
for its control. Acta agronom Hung 12 no.3/4:287-298 '63

1. Landwirtschaftliches Forschungsinstitut der Ungarischen  
Akademie der Wissenschaften, Martonvasar (for Barabas).
2. Forschungsinstitut für Pflanzenschutz, Budapest (for  
Voros).

VOROS, J., prof., inz., dr. (Budapest)

Calculating the modification of involute gear teeth by changing  
the angle of action. Strojirenstvi 13 no.5:365-369 My '63.

VOROS, Judit

HUNGARY / Physical Chemistry. Kinetics. Combustion. Explosions. Topochemistry. Catalysis. B

Abs Jour : Ref Zhur - Khimiya, No 12, 1959, No. 41677

Author : Csuros, Zoltan; Petro, Jozsef; Voros, Judit

Inst : Not given

Title : A Catalyst Study. XXII. Nickel Sponge Catalyst Study. I. Variation of Raney Nickel Catalyst Effectiveness in Hydrogenation with the Temperature and Time of Leaching.

Orig Pub : Magyar tud. akad. Kem. tud. oszt. kozl., 1958, 9, No 4, 433-448

Abstract : The properties of raney nickel catalysts (C) as a function of the conditions of

Card 1/2

HUNGARY / Physical Chemistry. Kinetics. Combustion. Explosions. Topochemistry. Catalysis. B

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861010015-8"

Abs Jour : Ref Zhur - Khimiya, No 12, 1959, No. 41677

their preparation were studied. It was shown that in relation to the hydrogenation reactions, the activity of C strongly depends on the temperature and time of leaching, as well as on the addition of alkalis or  $PtCl_4$ . The less active the C, the greater its activity change caused by additives. Article XXI. See R. Zh. Khim, 1959, No 11, 37927. -- S. Rozenfel'd

Card 2/2

VOROS, Karoly, tudományos munkatárs

Designing aspects and accuracy of the electronic units of  
cooperative power control equipment. Elektrotechnika 53 no.2/3:  
78-81 '60.

VOROS, Karoly

Alternating-current output telemeter with Hall generator.  
Muszaki kozl MTA 31 no.1/4:123-130-1962.

1. Villamos Energetikai Kutato Intezet.

DEMESI, Odon, okleveles építész-mernok, Ybl-díjas; PAPP, József, okleveles  
építész-mernok; VARADYNE ~~GREGORICZ~~, Viola, okleveles építész-mernok;  
MONORI, Magda, grafikus; VOROS, Lajos, grafikus

General city planning of Pecs. Pecsí musz szeml 7 no.2/3:1-30  
Ap-S '62.

1. Építészeti Minisztérium Pecsí Tervező Vállalat Városrendezés  
Csoportja.

VOROS, Laszlo

Simple velocity change in the drive of traveling grates.  
Ipari energia 3 no.6:134-135 Je '62.

1. Kaposvari Textilmuvek.

VOROS, Laszlo, fomechanikus

Remark about the article entitled "Maintenance of instruments."  
Ipri energia 4 no. 6: 134-135 Je '63.

1. Kaposvari Textilmuvek.



VOROS, Laszlo, okleveles gepeszmernok

The "eccentric" boiler grate drive. Ipari energia 4 no. 7:  
160-161 J1 '63.

VOROS, László

~~VOROS, László~~

Anamnestic method in studying health conditions in workers. *Mepegesszegy*  
38 no.10-11:261-268 Oct-Nov 57.

1. Közlemeny a Budapesti Orvostudományi Egyetem Egészségügyi Szervezési  
Intézetéből.

(INDUSTRIAL HYGIENE

health cond. of workers in Hungary, anamnestic exam.  
method & statist. (Hun))

VOROS, Maria

**SUMMARY**

SZOLLOSI, Ervin MD; BORICS, Katalin MD; RUDAS, Bela MD and VOROS, Maria MD, of the Szeged Municipal Public-Health and Epidemiological Station (Szeged Városi Közegészségügyi Járványügyi Állomás) and the Department of Infectious Diseases (Fertőző Csontály) of the Hospital of the Szeged Municipal Council (Szeged Városi Tanács Kórhaza).

"Data Regarding the Diagnostic Evaluation of Rheumatic Hemagglutination in Cases of Epidemic Hepatitis"

Budapest, Orvosi Hetilap, Vol 103, No 49, 9 Dec 62; pp 2312-2315.

**Abstract:** [Authors' Hungarian summary] The sera of patients with epidemic hepatitis exhibited positive agglutination values in more or less the same proportion as described in the literature. In one part of the cases 1:10 fecal extracts also gave positive hemagglutination values. The hemagglutination property of the fecal extract is very labile; it ceases on freezing and thawing, and on storing in the refrigerator. Authors recommend the use of the hemagglutination method as a supplementary test in the laboratory diagnosis of epidemic hepatitis on account of the rapidity with which it may be carried out. [9 references, mainly Western].

1/1

SZOLLOSY, Ervin, dr.; BODIZS, Katalin, dr.; DUDAS, Bela, dr.; VOROS, Maria, dr.

Data on the diagnostic evaluation of rhesus hemagglutination in epidemic hepatitis. Orv. hetil. 103 no.49:2312-2315 9 D '62.

1. Szeged Varosi Kozegeszsegugyi Jarvanyugyi Allomas es Szeged Varosi Tanacs Korbaza, Fertozo Csztaly.  
(HEMAGGLUTINATION) (HEPATITIS, INFECTIOUS)

VOROS, Marton, dr. (Pacs)

Icelandic experiences. Term tud kozl 4 no. 11:521-522  
N '60.

UJVARY, G.; LANYI, B.; GRECA(S, Margit; VOROS, S.; ANGYAL, T.; PALL, G.

Studies on the etiology of gastroenterocolitis in early infancy and childhood. III. Study on the role of *Proteus vulgaris* and *Proteus mirabilis* strains. Acta microbiol. acad. sci. Hung. 10 no.4:315-326 '63-'64.

Studies on the etiology of gastroenterocolitis in early infancy and childhood. IV. Study on the role of *Proteus morgani* strains. Ibid. 327-335

Studies on the etiology of gastroenterocolitis in early infancy and childhood. V. Study on the role of *Pseudomonas aeruginosa* and *Staphylococcus aureus* strains. Ibid.:337-346

1. Sauglings- und Kinderspital (Direktor: K. Gyergyai) Budapest XIV, Staatliches Institut für Hygiene (Direktor: T. Bakacs), Budapest und Mikrobiologisches Institut (Direktor: K. Rausa) der Medizinischen Universität, Pecs.

VOROS. S.; RAU'S, K.

The biochemical and serological properties of Proteus moraviani. p. 233

ACTA MICROBIOLOGICA. (Magyar Tudományos Akademia) Budapest, Hungary, Vol. 6, No. 3, 1959. In English.

Monthly list of East European Accessions, (EEAI) LC, Vp; 9, no. 1. Jan. 1960 Uncl.

VOROS, S.; REDEY, B.; CSIZMAZIA, F.

Antigenic structure of a new enteropathogenic *E. coli* strain.  
Acta microbiol. acad. sci. Hung. 11 no.2:125-129 '64.

1. Institute of Microbiology (Director: K. Rauss), University  
Medical School, Pecs and Regional Public Health Station, Veszprem.



VOROS, Sander; RODLER, Miklos; HEGYI, Pal

Use of a polytropic 2-layer culture medium (CIO) for the simultaneous study of citrate utilization, indole production and gelatin liquefaction, Kiserletes Orvostud. 12 no.6:615-623 D '60.

1. Pecsí Orvostudományi Egyetem Mikrobiológiai Intézete.

(CULTURE MEDIA)

(CITRATES metab)

(INDOLES metab)

(GELATIN)

(BACTERIA metab)

VOROS, S.

Questions on basic leather materials in the ready-to-wear industry. p. 53.

BOR-ES CIPOTECHNIKA. (Boripari Tudományos Egyesület mint a Magyar Tudományos Egyesületek Szövetsége Tagegyesülete) Budapest, Hungary, Vol. 9, No. 2, April 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 8, No. 7, July 1959.  
Uncla.

VOROS, S.; PUMPS, K.; MELEME, G.; POLGAR, F.

Virus excretion and bacteriological studies in sporadic infantile enteritis. Acta paediat. acad. sci. Hung. 5 no.1:113-120 '64.

1. Microbiological Institute (Director: Prof. K. Rauss) and  
Department of Paediatrics (Director: Prof. E. Kerpel Fronius),  
University Medical School, Pecs.

RAUSS, K.; VOROS, S.

The biochemical and serological properties of proteus morganii. Acta  
microb. hung. 6 no.3:233-248 1959.

1. Institute of Microbiology, Medical University, Pecs.  
(PROTEUS)

RAUSS, K.; KETI, I.; VERTENYI, Adele; VOROS, S.

Studies on the nature of phase variation of Sh. Sonnei. Acta  
microb. hung. 8 no.1:53-63 '61.

1. Institute of Microbiology, University Medical School, Pécs.  
(SHIGELLA culture)

RAUSS, K.; VOROS, S.; KONTROHR, T.

New observations on hydrogen sulphide production by enteric bacteria. Acta microbiol. acad. sci. Hung. 11 no.1:35-41 '64.

1. Institute of Microbiology (Director: K. Rauss), University Medical School, Pecs.

VOROS, Sándor

Production organization of technical leather articles. Bor  
clipo 14 no. 51159-160 3 '64

1. Rakospalota Leather and Plastics Processing Enterprise.

Viktor, Emeric

Optimization efforts in the family leather goods industry.  
Ref. also 15 no.2:57-59 for '65.

1. Rakospalota Leather and Plastic Processing Enterprise,  
Budapest.



KELEMEN, Geza; VOROS, Sandor

Use of a domestic peptone preparation as a culture medium for tissue cultures. Kiserl. orvostud. 13 no.6:589-591 D '61.

1. Pecsí Orvostudományi Egyetem Mikrobiológiai Intézete.

(TISSUE CULTURE) (PEPTONES)

VOROS, S.; ANGYAI, T.; NEMETH, V.; KONTRÖHR, T.

The occurrence and significance of phosphatase in enteric bacteria.  
Acta microb. hung. 8 no.4:405-409 '61.

1. Institute of Microbiology, University Medical School, Pecs.

(BACTERIA metab) (PHOSPHATASES metab)

VOROS, Sandor; HEGYI, Pal; GYORFY, Iren; KRASSOY, Ivan

Hemorrhagic pleuritis caused by *Salmonella cholerae suis* var. kunzendorf. Orv. hetil. 100 no.11:413-415 15 Mar 59.

1. A Pecsı Orvostudományi Egyetem Mikrobiológiai Intézetének (igazgató Rauss Karoly dr. egyet. tanár) és I. sz. Belgyógyászati Klinikájának (igazgató: Angyan János dr. egyet. tanár) közleménye.

(PLEURISY, etiol. & pathogen.

hemorrh., caused by *Salmonella choleraesuis* var. kunzendorf, case report (Hun))

(SALMONELLA INFECTIONS, case reports

*Salmonella choleraesuis* var. kunzendorf causing hemorrh. pleurisy (Hun))

VOROS, SANDOR, DR.

TOTH, Laszlo, Dr.: VOROS, Sandor, Dr.

Quantitative antibiotic sensitivity of coli dyspepsiae strains  
isolated in 1957. Orv. hetil. 98 no.48:1325-1327 1 Dec 57.

1. A Pecséi Orvostudományi Egyetem Mikrobiológiai Intézetének (igazgató:  
Rausz Karoly dr. egyet. tanár) és Gyermekklinikájának (igazgató:  
Kernel-Fronius Odon dr. egyet. tanár) közleménye.

(ESCHERICHIA COLI, eff. of drugs on  
antibiotic sensitivity of pathogenic strains,  
quantitative determ. (Hun))

(ANTIBIOTICS, eff.  
on pathogenic E. coli strains, quantitative determ.  
of sensitivity (Hun))